

What is Claimed is:

1                    1.        Four-hinged wiper arm for a windshield wiper system, especially  
2        for an automobile, wherein a connecting rod (1) is connected to a driving arm (4) at a  
3        first bearing point (2) and to a control arm (5) at a second bearing point (3), so that it can  
4        pivot, a hinged part (7) is coupled to the connecting rod (1), and a wiper blade that can  
5        be placed on the hinged part or on a wiper rod (8) connected to the hinged part can be  
6        pressed against the windshield to be wiped by a spring element that is mounted on the  
7        four-hinged wiper arm, characterized in that the connecting rod (1) or the driving arm (4)  
8        or the control arm (5) is provided with a rolling-contact bearing (9) in at least one of the  
9        two bearing points (2, 3) of the four-hinged wiper arm.

1                    2.        Four-hinged wiper arm according to Claim 1, characterized in that  
2        at least one of the rolling-contact bearings (9) is a deep groove ball bearing (11).

1                    3.        Four-hinged wiper arm according to at least one of the preceding  
2        claims, characterized in that the outer ring of the at least one rolling-contact bearing (9,  
3        11) is axially secured and held, preferably pressed, so that it does not rotate in one recess  
4        (10) of the connecting rod (1), whereas a bolt (12) attached to the driving arm (4) or to  
5        the control arm (5) is fitted into the inner ring of the rolling-contact bearing and is axially  
6        secured and held so that it does not rotate.

1                    4.        Four-hinged wiper arm according to one of the preceding claims,  
2        characterized in that the driving arm (4) and the control arm (5) are made of sheet metal,  
3        preferably as stamped parts.

1                    5.        Four-hinged wiper arm according to at least one of the preceding  
2        claims, characterized in that the bolt used on the at least one bearing point (2, 3) is a  
3        riveted bolt (12).

005180 9922960

4                   6.       Four-hinged wiper arm according to Claim 5, characterized in that  
5       the riveted bolt (12), is secured, on one hand, by wobble riveting in a passage (13) of the  
6       driving arm (4) or control arm (5), and on the other hand by wobble riveting at the inner  
7       ring of the rolling-contact bearing (9, 11).

1                   7.       Four-hinged wiper arm according to Claim G, characterized in that  
2       the riveted bolt (12) has a radially protruding flange (14) in its middle region, with one  
3       side that rests against the driving arm (4) or control arm (5) and the other side rests  
4       against the front surface of the inner ring of the rolling-contact bearing (9, 11).

1                   8.       Four-hinged wiper arm according to at least one of the preceding  
2       claims, characterized in that it is equipped with a rolling-contact bearing (9), preferably  
3       with a deep groove ball bearing (11), both at the first bearing point (2) between the  
4       connecting rod (1) and the driving arm (4), and also at the second bearing point (3)  
5       between the connecting rod (1) and the control rod (5).

005730-9922960

Add.  
A4

Add.  
A2